

Applic. No.: 10/727,753

Amdt. Dated September 12, 2005

Reply to Office action of June 10, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended). A containment of a nuclear power plant, comprising:

a containment structure having formed therein a pressure chamber and a condensation chamber with a base;

a substantially vertical condensation tube having an upper end communicating with said pressure chamber and a lower end immersed in a cooling liquid in said condensation chamber;

said lower end of said condensation tube being formed with an elbow and leading into an outlet nozzle;

said elbow having an elbow angle causing a lower end of said elbow to be immersed obliquely with respect to a vertical line in the cooling liquid in said condensation chamber; and

~~said outlet nozzle having an outlet opening substantially shielded with respect to said base of said condensation chamber~~ said outlet nozzle of said condensation tube being formed by a tube section having a lower side proximal to said

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base of said condensation chamber and an upper side distal  
from said base, and said lower side being longer than said  
upper side.

Claim 2 (cancelled).

Claim 3 (currently amended). The containment according to claim 1, wherein said elbow angle of said elbow of the said condensation tube is between ~~substantially~~ 70° and ~~substantially~~ 85°, whereby said lower end of said elbow is immersed in the cooling liquid in said condensation chamber with an oblique downward inclination.

Claim 4 (currently amended). The containment according to claim 3, wherein said elbow angle of said elbow is ~~approximately~~ 82°.

Claim 5 (currently amended). The containment according to claim 1, wherein a ~~significant~~ portion of said condensation tube is embedded in a wall of said condensation chamber.